



We are a customer focused provider of audio solutions. We exceed users' expectations with well thought out design, integration, and service. Our purpose-built products meet our customers where they are at, enhancing their moment with a powerful experience through music.

**Job Title: Audio Systems Engineer**

**Job Location: Tempe, AZ (100% Onsite)**

Rockford Fosgate is looking for an experienced and passionate Audio Systems Engineer. You will be responsible for working closely with Product Development and other engineering teams to define high level system requirements as well as tuning and optimizing the audio performance of class-leading audio systems.

**KEY RESPONSIBILITIES:**

- Owns the Rockford Signature Sound for both aftermarket and OEM audio systems.
- Works closely with product managers to define acoustic system performance.
- Works closely with embedded team to create flexible DSP architectures.
- Consult with electrical team to specify, develop and validate new amplifiers and electronics.
- Consult with acoustic team to specify, develop and validate new loudspeakers.
- Tunes and optimizes system audio performance to achieve acoustic design targets.
- Champion internal and external system listening demos and collect subjective feedback.
- Design and set up acoustic system reliability tests.
- Provide acoustic technical expertise to mechanical, amplifier, embedded, and internal vehicle install teams to execute cross-departmental projects.
- Communicate with customers and OEM partners to assess customer needs and identify system design goals.
- Create detailed technical design input presentations to communicate acoustic design decisions and directions with suppliers, customers, and various internal groups (New Product Development, Marketing, Sales, etc.).

**REQUIRED SKILLS/QUALIFICATIONS:**

- BS degree in acoustics, physics, electrical engineering, mechanical engineering, or another related field.
- Exceptional knowledge in acoustic and psychoacoustics fundamentals, and their application.
- Advanced knowledge of audio system architecture and system tuning.
- Strong knowledge of DSP building blocks (filters, compressors, limiters, equalizers, etc.).
- Experience with various acoustic test equipment such as Klippel, Audio Precision, etc.
- Expert level troubleshooting skills for complete vehicle audio systems.
- Strong team player with positive attitude and willingness to learn and collaborate in group settings.
- Excellent written, verbal, technical, and interpersonal communication skills.
- Self-starter with strong organizational skills and attention to detail.
- Ability to effectively execute multiple projects concurrently in a fast-paced deadline driven environment.

**DESIRED SKILLS (OPTIONAL):**

- 1-3 years of experience in an acoustic design role.
- Experience in the design and engineering of transducers and loudspeaker systems.
- Strong understanding of physics fundamentals.
- Knowledge of OEM automotive data and infotainment buses such CAN, A2B, AVB, etc.
- Proficient in DSP design tools such as Sigma Studio, Audio Weaver, etc.
- Proficient in the use of simulation tools such as Klippel SIM2, Loudsoft Suite (Fine Cone, Fine Motor, Fine Xover, Fine Suspension, Fine Box), Finite Element Magnetic Modeling (FEMM), etc.

- Familiarity with software scripting /automation using Python, LabVIEW, Excel macros, etc.
- Experience with speaker enclosure design and fabrication.
- Active license to operate a motorcycle is a plus.

### **About Rockford & Benefits**

Rockford Fosgate is an equal opportunity employer located in Tempe, Arizona. Join us and thrive in a dynamic office environment where your contributions truly make a difference. Enjoy the benefits of flexibility, competitive pay, affordable healthcare, a 401k match, and a pathway for growth.

Interested and qualified applicants are encouraged to send their resume and cover letter to [jobs@rockfordfosgate.com](mailto:jobs@rockfordfosgate.com) Visit [www.rockfordfosgate.com](http://www.rockfordfosgate.com) to learn more about us.